NEW MEXICO OIL CONSERVATION COMMISSION

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Po	ol Barre									s wells		Revised 12-1
In	ol <u>Roma</u>	-	A	^t	'ormatic	on	en	1.,	د و	County_	Lea	
0			Annua	±		Spe	cial_	X		Date of	Test 6	-25-56/6-29 -56
	npany	Charm (011 Comp	my		_Lease	Super	ior S	tate	We	11 No	1
Un	it <u>K</u>	Sec	12 Twp	· <u> </u>	LB R	ge <u>35E</u>	FF	urcha	aser	EPNG		
Ca	sing_7	Wt	20 I.	D. <u>6.1</u>	56 S	et at	700	_Peri	·355	0	_To3	ś00
Tul	oing 2	Wt	4.7 I.	D. 1.9	95 _S	et at_3	800	_Peri	·	· — · · · · · · · · · · · · · · · · · ·	_To	
Gas	Pave Fr	10m acea	m		_							
Pro	ducing Th	ru: C	asing	x '	T	ubing			Type We	ell G.	O. Dual	
Dat	e of Comp	letion:	10-17-	<u>52</u>	Pack	er <u>3610-3</u>	615	Singl	.e-Brade Reservo	enhead-G. oir Temp.	G. or	G.O. Dual
						OBSERV						
Tes	ted Throu	gh (Pro	over) (Ch	oke)	(Meter							
			Flow Dat							Type Tap		
No.	(Prove: (Line	r) (Cl	oke) F	ress.	Diff	Temp.	Tub:			Casing I	Temp.	Duration
140 6	Size	/ [(Ori	fice) Size		1	o _F .	psi	اما	o _F .	psig	°F.	of Flow
SI							1,01	-6		906	F.	Hr.
1. 2. 3.	<u>h</u>			98	2.92	96				897		26
3.	1			ia	5.82	88 8k				888		2h
<u>4.</u> 5.	4	1.			8.4	80		_		860	 	24
	rifice mi	***		/						<u> </u>		24
	rifice pl		amen't M	- Bet	JUD CIT	FLOW CAL	CULATI	ONS		•		
No.	Coeffi	cient		Pr	essure	Flow Fact	Temp.	Gı	ravity	Compre		Rate of Flow
	71g. (24-Hour)		$\sqrt{h_{\mathbf{w}}p_{\mathbf{f}}}$		osia F					Factor F _p v		Q-MCFPD @ 15.025 psia
1. 2. 3. 4.	13.99		71.68			9671		.ore3		1.054		/
~	13.99		107.5			97k1		9463		1.061		968 1471
4.	13.99 13.99		145.7	+		9777			63	1.062		2003
5.			202.0	1		9813		اوا	163	1.060		2787
_					PRI	ESSURE CA	LCUI A'	TIONS				<u> </u>
as L ravi	iquid Hyd ty of Liq	rocarbor uid Hydr	n Ratio_ cocarbons			cf/bbl. deg.			Specif	ic Gravit	y Sepai	rator Gas_
c	.707		(l-e	-s)	.151				P _c g	ic Gravit		ing Fluid
			·									
No.	$P_{\mathbf{w}}$	P_{t}^{2}	F _c Q		$(F_cQ)^2$	(F	Q) ²		D 0	-2 -2		
	Pt (psia)				(1-	e ^{-s})		P _w 2	$P_c^2 - P_w^2$	Cal P.	P _W P _C
1. 2.	010	828			.468	·or		828.0		10.03	<u> </u>	
3. [873	N/a	1.010		082	-116		812.1		35.84		
4. 5.	834	696	1.970		.881			7 62.3 596.5		85.70 51.41		1 70.5
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COMP	WY					_MCFPD;	11	511/_	~			
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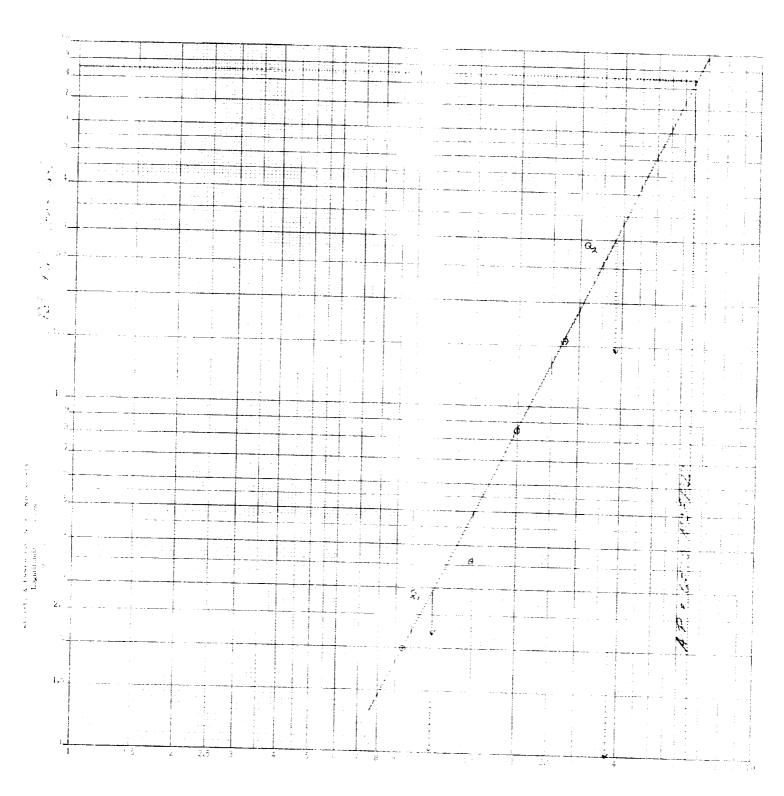
INSTRUCTIONS

This form is to be used for reporting multi-point back pressure tests on gas wells in the State, except those on which special orders are applicable. Three copies of this form and the back pressure curve shall be filed with the Commission at Box 871, Santa Fe.

The log log paper used for plotting the back pressure curve shall be of at least three inch cycles.

NOMENCLATURE

- Q = Actual rate of flow at end of flow period at W. H. working pressure ($P_{\rm W}$). MCF/da. @ 15.025 psia and 600 F.
- Pc= 72 hour wellhead shut-in casing (or tubing) pressure whichever is greater. psia
- Pw Static wellhead working pressure as determined at the end of flow period. (Casing if flowing thru tubing, tubing if flowing thru casing.) psia
- Pt Flowing wellhead pressure (tubing if flowing through tubing, casing if flowing through casing.) psia
- Pf Meter pressure, psia.
- hw Differential meter pressure, inches water.
- Fg Gravity correction factor.
- F_t Flowing temperature correction factor.
- Fpv Supercompressability factor.
- n _ Slope of back pressure curve.
- Note: If $P_{\rm W}$ cannot be taken because of manner of completion or condition of well, then $P_{\rm W}$ must be calculated by adding the pressure drop due to friction within the flow string to $P_{\rm t}$.



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